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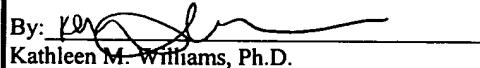
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**NEW UNITED STATES UTILITY PATENT APPLICATION**  
**under 37 C.F.R. 1.53(b)**

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Atty. Docket No. 25436/1490

**CERTIFICATE OF EXPRESS MAILING UNDER 37 C.F.R. § 1.10:** The undersigned hereby certifies that this United States Patent Application and all papers noted herein as being attached, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 C.F.R. § 1.10 today, August 14, 2000 and is addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

By:   
Kathleen M. Williams, Ph.D.

**Express Mail Label No.: EL591993965US**

Jc857 U.S. PTO  
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08/11/00

Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

Enclosed herewith is a new patent application and the following papers:

First Named Inventor (or application identifier): Zheng, Chao-Feng

Title of Invention: **COMPOSITION AND METHODS UTILIZING STABLE REPORTER CELL LINES FOR DETECTION OF CHOP-DEPENDENT SIGNAL TRANSDUCTION**

1.  Specification 57 pages (including specification, claims, abstract) / 33 claims (5 independent)
2.  Declaration/Power of Attorney is:  
 attached (unexecuted).  
 NOT included, but deferred under 37 C.F.R. § 1.53(f).
3.  8 Distinct sheets of  Formal  Informal Drawings
4.  Preliminary Amendment.
5.  Information Disclosure Statement  
 Form 1449  
 A copy of each cited prior art reference
6.  Assignment with Cover Sheet (unexecuted).
7.  Priority is hereby claimed under 35 U.S.C. § 119 based upon the following application(s):

Country	Application Number	Date of Filing (day, month, year)
US	60/150,942	26 August 1999

8.  Priority document(s).

1C857 U.S. pro  
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08/11/00



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under 37 C.F.R. 1.53(b)

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9.  Statement Claiming Small Entity Status (unexecuted).
10.  Microfiche Computer Program (Appendix).
11.  Nucleotide and/or Amino Acid Sequence Submission.
  - Computer Readable Copy.
  - Paper Copy (identical to computer copy).
  - Statement verifying identity of above copies.
12. Calculation of Fees:

FEES FOR	EXCESS CLAIMS	Fee	AMOUNT DUE
Basic Filing Fee (37 C.F.R. § 1.16(a))			\$690.00
Total Claims in Excess of 20 (37 C.F.R. § 1.16(c))	13	18.00	\$234.00
Independent Claims in Excess of 3 (37 C.F.R. § 1.16(b))	2	78.00	\$156.00
Multiple Dependent Claims (37 C.F.R. § 1.16(d))	0	260.00	\$0
Subtotal - Filing Fee Due			\$1,080.00
	MULTIPLY BY		
Reduction by 50%, if Small Entity (37 C.F.R. §§ 1.9, 1.27, 1.28)	0.50		\$1,080.00
<b>TOTAL FILING FEE DUE</b>			\$540.00
Assignment Recordation Fee (if applicable) (37 C.F.R. § 1.21(h))	0	40.00	\$540.00
<b>GRAND TOTAL DUE</b>			\$540.00

13. PAYMENT is:
  - included in the amount of the GRAND TOTAL by our enclosed check. A general authorization under 37 C.F.R. § 1.25(b), second sentence, is hereby given to credit or debit our Deposit Account No. 16-0085 for the instant filing and for any other fees during the pendency of this application under 37 C.F.R. §§ 1.16, 1.17 and 1.18.
  - not included, but deferred under 37 C.F.R. § 1.53(f).

14. All correspondence for the attached application should be directed to:

Palmer & Dodge, LLP  
One Beacon Street  
Boston, MA 02108  
Telephone: (617) 573-0451  
Facsimile: (617) 227-4420

15. Other: \_\_\_\_\_

Date: August 11 2000

By: 